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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/009,063	12/05/2001	You Kwang Kim	DE1314	4338	
75	590 07/25/2003				
David A Einhorn			EXAMINER		
Anderson Kill & Olick 1251 Avenue of the Americas			RAEVIS, ROBERT R		
New York, NY 10020			ART UNIT	PAPER NUMBER	
			2856		
			DATE MAILED: 07/25/2003		

Please find below and/or attached an Office communication concerning this application or proceeding.

	_			_	M
•		Application	n No.	Applicant(s)	
		10/009,063	3	KIM ET AL.	
	Office Action Summary	Examiner		Art Unit	
		Robert R.	Raevis	2856	
Period fo	The MAILING DATE of this communi or Reply	cation appears on the	cover sheet v	with the correspondence ad	dress
THE I - Exter after - If the - If NO - Failu Any.r	ORTENED STATUTORY PERIOD FOR MAILING DATE OF THIS COMMUNIONS OF THIS COMMUNIONS OF THIS COMMUNIONS OF THIS PROPERTY. THE PROPERTY OF THIS COMMUNIONS OF THE PROPERTY OF THIS COMMUNIONS OF THIS COMMUNIONS OF THIS COMMUNICATION OF THIS COMMUNICA	CATION. of 37 CFR 1.136(a). In no ever unication.) days, a reply within the statut ututory period will apply and will will, by statute, cause the applic	nt, however, may a tory minimum of th expire SIX (6) MC cation to become A	a reply be timely filed hirty (30) days will be considered timely DNTHS from the mailing date of this co ABANDONED (35 U.S.C. § 133).	<i>j.</i> ommunication.
Status	December (a) Cl	- -			
1)	Responsive to communication(s) file		aan final		
2a)□		2b)⊠ This action is r		attara museosystian oo to th	a manita ia
3)□ Dispositi	Since this application is in condition closed in accordance with the praction of Claims				e ments is
4) 🖂	Claim(s) 1-40 is/are pending in the a	pplication.			
	4a) Of the above claim(s) is/ar	e withdrawn from con	sideration.		
5)[Claim(s) is/are allowed.				
6)⊠	Claim(s) 1,2,16,17 and 33 is/are reje	cted.			
7)🖂	Claim(s) 3-15,18-32 and 34-40 is/are	objected to.			
8) 🗌	Claim(s) are subject to restrict	ion and/or election re	quirement.		•
Applicati	on Papers				
9) 🗌 -	The specification is objected to by the	Examiner.			
10) 🗌 -	The drawing(s) filed on is/are:	a)∏ accepted or b)∏ d	objected to by	the Examiner.	
	Applicant may not request that any obje	ection to the drawing(s) b	oe held in abe	yance. See 37 CFR 1.85(a).	
11) 🔲 🗀	The proposed drawing correction filed	on is: a) □ ap	proved b)	disapproved by the Examine	er.
_	If approved, corrected drawings are req		ce action.		
12) 🔲 -	The oath or declaration is objected to	by the Examiner.			
Priority u	ınder 35 U.S.C. §§ 119 and 120				
13)	Acknowledgment is made of a claim	for foreign priority und	ler 35 U.S.C	. § 119(a)-(d) or (f).	
a)[☑ All b) ☐ Some * c) ☐ None of:				
	1. Certified copies of the priority of	documents have been	received.		
	2. Certified copies of the priority of	locuments have been	received in	Application No	
* S	3. Copies of the certified copies of application from the Internation of the attached detailed Office action	ational Bureau (PCT F	Rule 17.2(a))	•	Stage
	cknowledgment is made of a claim fo		•		application).
a)	The translation of the foreign lang Acknowledgment is made of a claim for	guage provisional app	lication has	been received.	.,,
Attachment	-	semestic priority uni			
1) Notice	e of References Cited (PTO-892) e of Draftsperson's Patent Drawing Review (PT nation Disclosure Statement(s) (PTO-1449) Pa	O-948)		v Summary (PTO-413) Paper No(f Informal Patent Application (PTC	

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DETAILED ACTION

1. Claims 1, 2, 16, 17 and 33 are rejected under 35 U.S.C. 103(a) as being unpatentable over Yasutake et al in view of Applicant's Statement in view of Volcker.

Yasutake does not refer to use of a plurality of scanning probes, and does not strictly refer to observing topography.

As to claims 1, 2, 16, 17 and 33; it would have been obvious to utilize an array of probes because Volcker teaches (col. 1, lines 13-27) use of an array to provide measurements for a two-dimensional grid. In addition, it would have been obvious to provide measurements for observing topography because Applicants describe (page 2, second paragraph) application of AFMs to provide for the topography of a surface.

2. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Watanabe et al and Chen et al employ multi drivers on a cantilever for an AFM.

3. Claims 3-15, 18-32 and 34-40 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

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4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Robert R. Raevis whose telephone number is 703-305-4919. The examiner can normally be reached on Monday to Friday from 6:30am to 4:00pm.—The fax-phone number for the organization where this application or proceeding is assigned is 703-308-7722.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-4900.

RAZVI) AU2856